

# **A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT**

Department of Highways  
Professional Services Procurement Bulletin 2018-02  
Nelson | New Route | 4-8809

This document constitutes a Request for Proposals for a Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

## **I. PROJECT DESCRIPTION**

County - Nelson  
Route - New Route  
Item No. - 04-8809.00  
Project Description - Conduct a scoping study to identify a new route that will provide better connectivity and accessibility on the west side of Bardstown.

## **II. PROJECT INFORMATION**

Project Manager - Charles Allen, P.E and Larry Krueger, P.E.  
User Division - Planning  
Approximate Fee - \$400,000 Scoping Study (Lump Sum)  
Project Funding - State Funds (SPP)  
Project Length - Approximately 8 miles

## **III. PURPOSE AND NEED**

The city of Bardstown has experienced growth in both industry and traffic in recent years which has resulted in safety issues and congestion along several routes in and around the Bardstown area. Several improvements are ongoing or have been constructed. In 2015, KY 245 between US 150 and US 62 was widened to five lanes. A project will be let in 2018 to improve the US 150/Bluegrass Parkway Interchange which should help to alleviate congestion in the area. Minor widening and geometric improvements have also been made in recent years to US 31E north of Bardstown which provide a safer connection to the southeast end of Louisville.

Numerous schools, medical facilities, commercial businesses, and factories are located along the western portion of Bardstown. This includes a new rock quarry, an airport, a landfill, Thomas Nelson High School, Flaget Memorial Hospital, and a proposed city school along Templin Avenue.

The purpose of this study is to evaluate the connectivity and accessibility of west Bardstown and determine potential needed improvements and priorities.

#### **IV. DBE REQUIREMENT**

None

#### **V. SCOPE OF WORK**

The purpose of this study is to evaluate (1) traffic patterns in and around Bardstown, (2) accessibility and connectivity on the west side of Bardstown primarily between US 62 and KY 245, and (3) the long range need to provide a connection to the Bluegrass Parkway south of Bardstown and to US 31E north of town.

The selected Consultant will provide engineering services for the completion of a scoping study to identify and evaluate improvements to the western side of Bardstown in Nelson County. The consultant will consider an inner and outer bypass option. Activities include, but may not be limited to, an inventory of existing conditions, establishing project purpose and goals, proposing and analyzing alternate improvement options, developing practical solutions and cost estimates, conducting public involvement activities throughout the study process, prioritizing improvements, and writing a technical report(s) to document the study process and results.

#### **VI. SPECIAL INSTRUCTIONS**

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

#### **VII. AVAILABLE STUDIES**

[Nelson County Potential and Planned Transportation Improvements](#)

[Bardstown Traffic Forecast Technical Report](#)

(added hyperlink to Traffic Forecast Report)

#### **VIII. METHOD OF DESIGN**

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

#### **IX. ENVIRONMENTAL**

The Department will provide environmental resources mapping.

#### **X. PHOTOGRAMMETRIC SERVICES**

The Consultant is responsible for obtaining aerials or equivalent for meeting exhibits.

## **XI. STRUCTURE DESIGN**

The selected Consultant shall provide the necessary engineering services to determine needed improvements of the structures involved, if any.

## **XII. GEOTECHNICAL SERVICES**

The Department will provide all Geotechnical Services required for the project.

## **XIII. TRAFFIC**

The Traffic projections and related information will be provided by the Department.

## **XIV. UTILITIES**

The Department will be responsible for determining the existing locations of utilities to determine feasibility of redesign or utility relocation and cost estimates.

## **XV. PREQUALIFICATION REQUIREMENTS**

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement:

### ROADWAY DESIGN

- Rural Roadway Design
- Urban Roadway Design
- ~~Basic Traffic Engineering Design~~
- **Advanced Traffic Engineering Design and Modeling**

### TRANSPORTATION PLANNING/CORRIDOR PLANNING

- Highway Planning Services
- Traffic Data Collection
- Travel Demand and Simulation Modeling
- Traffic Forecasting

## **XVI. PROCUREMENT SCHEDULE**

Dates other than Response Date are tentative and provided for information only.

- Bulletin Posted – August 8, 2017
- Response Date – August 30, 2017 by 4:30 PM ET (Frankfort Time)
- First Selection – September 5, 2017
- Final Selection – September 20, 2017
- Pre-Design Conference – September 27, 2017
- Fee Proposal – October 6, 2017
- Contract Negotiations – October 18, 2017
- Notice to Proceed – November 16, 2017

## **XVII. PROJECT SCHEDULE**

- Final Report – March 2019

## **XVIII. EVALUATION FACTORS**

Consultants will be evaluated by the selection committee based on the following, weighted factors:

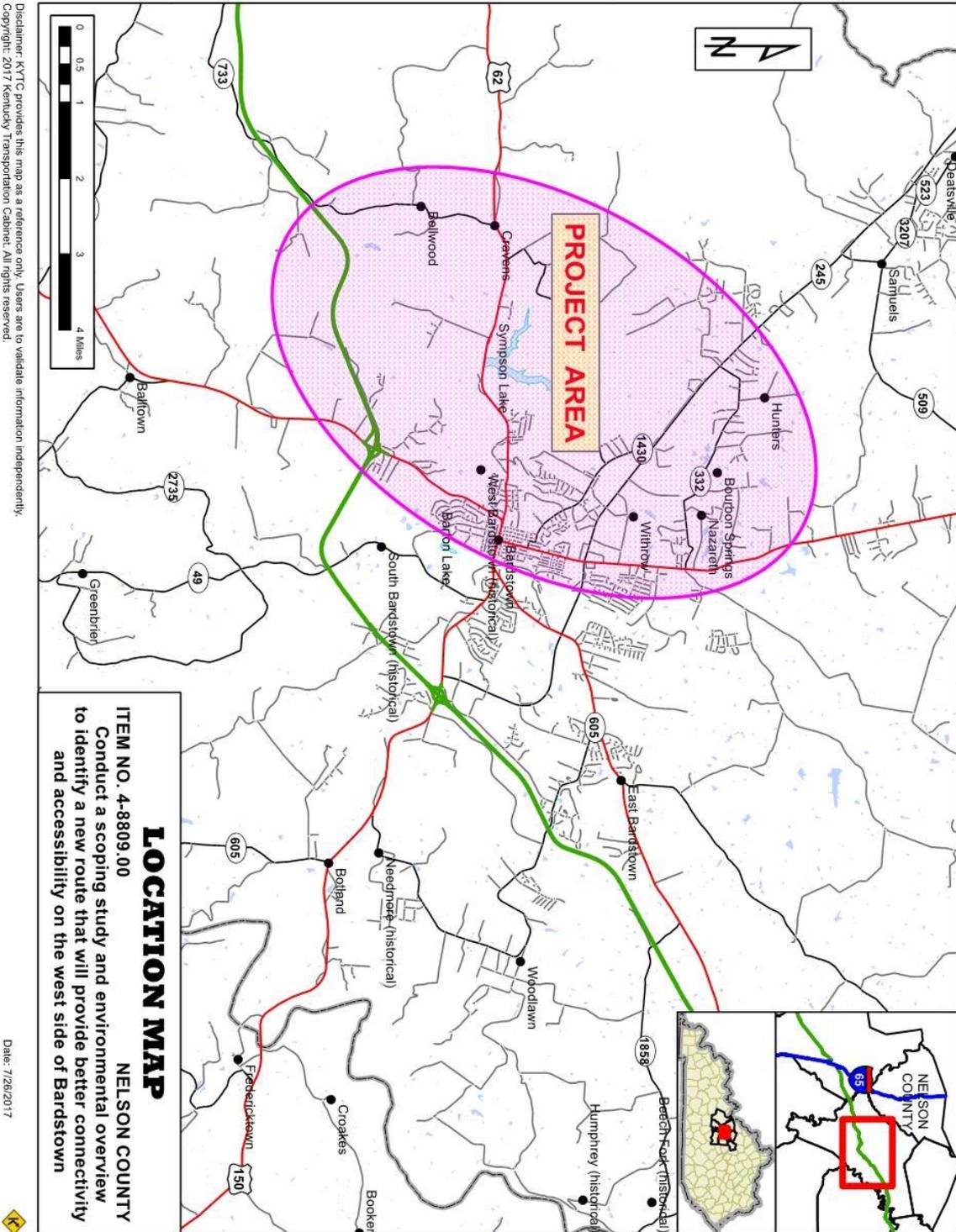
1. Project approach and proposed procedures to accomplish the services for the project. (30 Points)
2. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (20 Points)
3. Past record of performance on projects similar in type and complexity. (20 Points)
4. Capacity to comply with project schedule. (10 Points)
5. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

## **XIX. SELECTION COMMITTEE MEMBERS**

1. Charlie A. Allen, P.E., User Division
2. Larry Krueger, P.E., User Division
3. Darren Back, P.E., Secretary's Pool
4. Mikael Pelfrey, P.E., Secretary's Pool
5. Wes Sydnor, P.E., Governor's Pool

**XX. AREA MAP**



Disclaimer: KYTC provides this map as a reference only. Users are to validate information independently.  
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Date: 7/26/2017

